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NOTE: The Solicitations and topics listed on this site are copies from the various SBIR agency solicitations and are not necessarily the latest and most up-to-date. For this reason, you should visit the respective agency SBIR sites to read the official version of the solicitations and download the appropriate forms and rules.

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1. [H-SB015.1-005: A Wearable Communications Hub Designed to Streamline and Improve First Responder Communication Capabilities](#)

   Release Date: 12-03-2014Open Date: 12-17-2014Due Date: 01-21-2015Close Date: 01-21-2015

   OBJECTIVE: Develop a high-level, scalable next-generation architecture and prototype for an intelligent communications interface device (also referred to as a communications hub) that serves to interconnect wearable technologies (e.g., video camera, sensors, heads-up displays) and voice communication tools to an array of radio communication devices carried by a first responder. DESCRIPTION: Toda ...

   SBIR Department of Homeland Security

2. [12.1-006: Advanced Electronics for Scintillators](#)

   Release Date: 05-15-2012Open Date: 05-15-2012Due Date: 07-03-2012Close Date: 07-03-2012

   DHS SBIR HSHQDC-12-R-00052 12.1-006 DHS SBIR HSHQDC-12-R-00052 ...

   SBIR Department of Homeland Security

3. [H-SB013.2-007: Affordable Non-Destructive Anomaly Detection for Perceived Hollow Spaces](#)

   Release Date: 04-02-2013Open Date: 04-18-2013Due Date: 05-22-2013Close Date: 05-22-2013

   The Department of Homeland Security (DHS) has identified a need to detect narcotics, weapons, explosives or other contraband smuggled over the border, onto planes, or carried into public venues while concealed in hollow spaces such as bicycle, stroller, or wheelchair frames. Agents and officers require reliable and easy-to-use tools that can quickly provide a general primary screening of these ite ...

   SBIR Department of Homeland Security

4. [H-SB012.2-002: Automated Threat Recognition (ATR) Algorithms using Standardized Image File Formats](#)

   Release Date: 05-03-2012Open Date: 05-17-2012Due Date: 07-03-2012Close Date: 07-03-2012

   DHS SBIR DHSSBIR20122 H-SB012.2-002 DHS SBIR DHSSBIR20122 ...

   SBIR Department of Homeland Security

5. [H-SB014.2-002: Automatic Detection and Patching of Vulnerabilities in Embedded Systems](#)

   Release Date: 04-01-2014Open Date: 04-17-2014Due Date: 05-21-2014Close Date: 05-21-2014

OBJECTIVE: AMENDED TOPIC (as of May 1, 2014): Develop innovative techniques to rapidly and automatically detect and automatically patch vulnerabilities in complex networked, embedded systems while offline. This offline analysis and data-mining of features of large firmware image populations enables identification of vulnerabilities in the firmware of embedded devices, to support ...

  SBIR Department of Homeland Security

6. H-SB013.2-001: Bulk Currency Vapor Detection in Confined Spaces

  Release Date: 04-02-2013Open Date: 04-18-2013Due Date: 05-22-2013Close Date: 05-22-2013

Each year, Mexican cartels smuggle approximately $28 to $39 billion from the United States to Mexico through the 417 "official" border crossings between the two countries. Estimates indicate that only 25% to 50% of that money is processed and laundered through financial institutions and instruments other than cash. Congress passed legislation increasing the penalties for smuggling cash ...

  SBIR Department of Homeland Security

7. H-SB013.1-003: Burn-Saver Device

  Release Date: 12-04-2012Open Date: 12-20-2012Due Date: 01-23-2013Close Date: 01-23-2013

Firefighters oftentimes find themselves in situations where they are in danger of receiving burns to their bodies because the ambient temperature from a fire rises to an unsafe degree. This rise in temperature can be nearly instantaneous and can increase to a degree beyond the protective capabilities of the Self-Contained Breathing Apparatus (SCBA) and the Personal Protective Equipment (PPE) the f ...

  SBIR Department of Homeland Security

8. H-SB015.1-007: Canine Mounted Track and Transmit Device

  Release Date: 12-03-2014Open Date: 12-17-2014Due Date: 01-21-2015Close Date: 01-21-2015

OBJECTIVE: Demonstrate canine carried low profile GPS with stabilized integrated camera, to real-time track, record and transmit canine's path of movement. DESCRIPTION: Develop a tracking device that will attach to a canine for the purpose of documenting the movements of the canine for court/evidence purposes or verification of area(s) that have or have not been searched by a canine during ...

  SBIR Department of Homeland Security

9. H-SB012.1-005 : Capability for the Tracking of Any and Every Person within a Security Perimeter

  Release Date: 10-25-2011Open Date: 11-16-2011Due Date: 01-05-2012Close Date: 01-05-2012

For details, please refer to the solicitation details located at FedBizOpps website. As a person undergoes security screening, he or she is typically positively identified through a credential check only once at the entrance to a security perimeter. Subsequent to that one credential check, it is difficult, if not impossible, to definitively associate any other cues; e.g., behavioral or phy ...

   SBIR Department of Homeland Security

10. [H-SB013.2-005: Commodity Goods Counterfeit Detection](#)

   Release Date: 04-02-2013Open Date: 04-18-2013Due Date: 05-22-2013Close Date: 05-22-2013

Counterfeiting is a serious problem impacting customers and producers in the global economy. There are two separate issues - the economic impacts from purchasing a counterfeit consumer retail product, and the health risks associated with a consumer purchasing and consuming a counterfeit pharmaceutical product. This effort focuses on the consumer retail products only, as the detection methods for t ...

   SBIR Department of Homeland Security

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